

## CLAIMS:

What is claimed is:

1. A method of remote control, comprising:
  - executing, on a service processor independent of a main processor within a remotely managed data processing system, a remote control application, wherein the remote control application:
    - gets video data from the video hardware within the remotely managed system;
    - transmits the video data to a remote console over a network connection coupling the remotely controlled system to the remote console;
    - receives keyboard/mouse signals from the remote console over the network connection; and
    - forces the received keyboard/mouse signals into a keyboard/mouse controller within the remotely managed system as if the received keyboard/mouse signals had originated with locally attached peripherals.
2. The method of claim 1, wherein the step of executing a remote control application further comprises:
  - utilizing the remote control application to communicate with the remote console utilizing a TCP/IP network connection.
3. The method of claim 1, wherein the step of executing a remote control application further comprises:
  - utilizing the remote control application to serve to the remote console a Java applet for displaying the video data and capturing the keyboard/mouse signals, wherein the remotely managed system may be remotely controlled utilizing a browser executing within the remote console.

1           4.     The method of claim 1, wherein the step of executing a remote control  
2     application further comprises:

3                 utilizing a remote control application which executes independently of the  
4     operating system loaded or executed on the main processor within the remotely  
5     managed system.

6           5.     The method of claim 1, wherein the step of executing a remote control  
7     application further comprises:

8                 loading the remote control application for execution by the service processor  
9     prior to the power on self test for the main processor.

1           6.     The method of claim 1, wherein the step of executing a remote control  
2     application further comprises:

3                 utilizing the remote control application executing on the service processor to  
4     provide remote control capability to the remote console from power on self test for  
5     the main processor continuously through operating system load for the main processor  
6     and beyond.

1           7.     The method of claim 1, wherein the step of executing a remote control  
2     application further comprises:

3                 utilizing the remote control application executing on the service processor to  
4     provide a single user interface for remote control by the remote console from power  
5     on self test for the main processor continuously through operating system load for the  
6     main processor and beyond.

1           8.     A system for remote control, comprising:  
2                 a remote console;  
3                 a network connection coupling the remote console to a remotely managed data  
4                 processing system; and  
5                 a service processor independent of a main processor within the remotely  
6                 managed data processing system, the service processor executing a remote control  
7                 application, wherein the remote control application:  
8                         gets video data from the video hardware within the remotely managed  
9                         system;  
10                        transmits the video data to the remote console over the network  
11                        connection;  
12                        receives keyboard/mouse signals from the remote console over the  
13                        network connection; and  
14                        forces the received keyboard/mouse signals into a keyboard/mouse  
15                        controller within the remotely managed system as if the received  
16                        keyboard/mouse signals had originated with locally attached peripherals.

1           9.     The system of claim 8, wherein the remote control application communicates  
2                 with the remote console utilizing a TCP/IP network connection.

1           10.    The system of claim 8, wherein the remote control application serves to the  
2                 remote console a Java applet for displaying the video data and capturing the  
3                 keyboard/mouse signals, wherein the remotely managed system may be remotely  
4                 controlled utilizing a browser executing within the remote console.

1           11.    The system of claim 8, wherein the remote control application executes  
2                 independently of the operating system loaded or executed on the main processor  
3                 within the remotely managed system.

1 12. The system of claim 8, wherein the remote control application is loaded for  
2 execution by the service processor prior to the power on self test for the main  
3 processor.

1 13. The system of claim 8, wherein the remote control application executing on  
2 the service processor provides remote control capability to the remote console from  
3 power on self test for the main processor continuously through operating system load  
4 for the main processor and beyond.

1 14. The system of claim 8, wherein the remote control application executing on  
2 the service processor provides a single user interface for remote control by the remote  
3 console from power on self test for the main processor continuously through  
4 operating system load for the main processor and beyond.

1 15. A computer program product within a computer usable medium for remote  
2 control, comprising:

3 a remote control application executing on a service processor independent of a  
4 main processor within a remotely managed data processing system, wherein the  
5 remote control application:

6 gets video data from the video hardware within the remotely managed  
7 system;

8 transmits the video data to a remote console over a network connection  
9 coupling the remotely controlled system to the remote console;

10 receives keyboard/mouse signals from the remote console over the  
11 network connection; and

12 forces the received keyboard/mouse signals into a keyboard/mouse  
13 controller within the remotely managed system as if the received  
14 keyboard/mouse signals had originated with locally attached peripherals.

1 16. The computer program product of claim 15, wherein the remote control  
2 application further comprises:

3 instructions for utilizing the remote control application to communicate with  
4 the remote console utilizing a TCP/IP network connection.

1 17. The computer program product of claim 15, wherein the remote control  
2 application further comprises:

3 instructions for utilizing the remote control application to serve to the remote  
4 console a Java applet for displaying the video data and capturing the keyboard/mouse  
5 signals, wherein the remotely managed system may be remotely controlled utilizing a  
6 browser executing within the remote console.

1 18. The computer program product of claim 15, wherein the remote control  
2 application further comprises:

3 instructions for utilizing a remote control application which executes  
4 independently of the operating system loaded or executed on the main processor  
5 within the remotely managed system.

1 19. The computer program product of claim 15, wherein the remote control  
2 application further comprises:

3 instructions for loading the remote control application for execution by the  
4 service processor prior to the power on self test for the main processor.

1 20. The computer program product of claim 15, wherein the remote control  
2 application further comprises:

3 instructions for utilizing the remote control application executing on the  
4 service processor to provide remote control capability to the remote console from  
5 power on self test for the main processor continuously through operating system load  
6 for the main processor and beyond.

1 21. The computer program product of claim 15, wherein the remote control  
2 application further comprises:

3 instructions for utilizing the remote control application executing on the  
4 service processor to provide a single user interface for remote control by the remote  
5 console from power on self test for the main processor continuously through  
6 operating system load for the main processor and beyond.